<400> 81
gtggagtgta aaggtcaacg tgccatccgg gtacaaacta ttgtagaaaa aatggcaaag 60
ttaggtctga aaatatccat ttggcctgct ctagttgtac agtacatgat tttgcactcg 120
cacaacaatg gactataatt attttcctgg caaaaaaaaa aaa            163


<210> 82
<211> 486
<212> DNA
<213> Pinus taeda

<220>
<221> modified_base
<222> (330)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (349)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (364)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (368)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (411)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (431)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (447)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (461)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (476)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base

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<222> (478)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (480)
<223> a, t, c, g, other or unknown

<400> 82
ggtgcgatcc aggacatgag gccgagtttg ccattgtgat atgattgagg aagtccagtc 60
ctaaaattag gtttatcttg atgtttgaca agagatatag aggggcatga tgattcattg 120
atctgtttgc agatctgtaa ctgcaaccat tctaatgaca taatagcgct attgtttggg 180
ttcgtgtgat gacataataa attgatttaa tttaataaca tctgttaatg caatggctgt 240
agctgcatca tcaccgtatc catcgaatgt tccattttc caaatgtttg tttccaaaac 300
cagaacacca aaatgtcccc tgcgtttgtn ttgaaaaata ttgggcccnt actatactat 360
aatntttngg catactatac tataatgttt ctcccattcc ccccaaatga ntcctataca 420
atcctggccg ncttacact cctgacngga aacccggctt nccactaatc cctggncnan 480
cccttc                                                          486


<210> 83
<211> 144
<212> DNA
<213> Pinus taeda

<400> 83
ggtgcgatcc gactgtgata tgtgactggt gaacgagaga tccttcttat gaattaatct 60
ggtatcttta tgcgaaagct tttagggttg ctacatgctc tcctcttttg tatgaatttc 120
cattctaata tcagtctctg tgat                                       144


<210> 84
<211> 525
<212> DNA
<213> Pinus taeda

<400> 84
ggggagtgtc aagggataag tggtaagcca ggtttccagt cagaagtgta aaggcggcca 60
gtgatgtaat agattcatat aggggaatgg agtcaccggg gtgcgccgtt ttagaatagt 120
ggatccccgg ctgcaggatt tgatggtgcg atcctgcccc tgataatttg gttgcaatgg 180
aaaatgcagt attaggtgcg agatgtaaag cccgcccgga gcggtgcatg aagtactgca 240
atatttgttg tagtaaatgt gctggttgtg ttcccagcgg tcactatggc aacaaggacg 300
agtgcccctg ctacagagat atgaagtccg cagccggcaa gcccaagtgt ccctgatctt 360
agcacttcag tccagtcgct cacttctttt attctttttt tttataaaag tgacgaggcc 420
gttttttcttg tacttggtgg ccatatgtag agcggtggct acttctcctg tgttaggaaa 480
tgttgcagta ctaataataa gaacttcttt ggcaaaaaaa aaaaa            525


<210> 85
<211> 543
<212> DNA
<213> Pinus taeda

<400> 85
gggtttcctt aagagttaaa ggcgcatgat gtatagaatc atatagggga tggattcccc 60
ccgggggggcc tttcagaata gggattcccg gctgcaggat tgatagtgcg atccaagaca 120
cagtggagta ccacaatggg gatctggcca gtgctttgtg gctattcact gcagctgtat 180
taaaacagga agccgcaaat ggccagaagg ccattgaact tgctgagagc agactatcta 240
```

```
aggatggctg gcctgaatat tatgatggga agcttggacg atatattgga aagcagtctc 300
gaaagtggca aacctggtca gttgctggat atcttgtagc caagatgatg cttgaagatc 360
catcccattt aggtatgata gcattggaag aggacaaaaa gatgaagccg tccctcactc 420
gatcagcttc ttggataatg taaaatgggg aaatcctaaa ctttcaggcc actcttgaat 480
gttttgtcac ttctgtatga caaatgaggc aattcatagt acatgttgtg caaaaaaaaa 540
aaa                                                              543
```

```
<210> 86
<211> 370
<212> DNA
<213> Pinus taeda
```

```
<400> 86
ggtgcgatcc cagagaatat tagttcatgt gttgctctca ttttcttcaa tatgcagggc 60
aaccatttga atgaaattat tcctttcgaa tttcaaaaac ttaataggct aacttatcta 120
tctggagccg attttcattg acgagtaacc tgtaagctgg ccagcaaaag ccaacagatg 180
ttcagctcgt tggaaccagt tgaagattgt aatagagatg gtgaataatc gcggacggct 240
cggccaatgg aatatttgtt gcatcatcat caagggggta tgaattccaa agaacttgtt 300
gattgaaatt cccaagcaaa attctgtgaa atgaaaaatt tattgagacc attgggcaaa 360
aaaaaaaaa                                                        370
```

```
<210> 87
<211> 237
<212> DNA
<213> Pinus taeda
```

```
<400> 87
ggtgcgatcc aaagaacaca agatggagtt accacaatgg aggatcttgg ccagtgcttt 60
tgtggctatt cactgcagcc tgtattaaaa caggaaggcc gcaaatggcc agaagggcca 120
ttgaacttgc tgagagcaga ctatctaagg atggctggcc tgaatattat gatgggaagc 180
ttggacgata tattggaaag cagtctcgaa agtggcaaac ctggtcagtt gctggat     237
```

```
<210> 88
<211> 476
<212> DNA
<213> Pinus taeda
```

```
<220>
<221> modified_base
<222> (379)
<223> a, t, c, g, other or unknown
```

```
<220>
<221> modified_base
<222> (394)
<223> a, t, c, g, other or unknown
```

```
<220>
<221> modified_base
<222> (400)
<223> a, t, c, g, other or unknown
```

```
<220>
<221> modified_base
<222> (403)..(404)
```